

# WATER TEST REAGENT

## For Laboratory Use Only

Form G-1 4/78

SMALL VOLUMES USED  
CONTAINER SIZE RANGE  
2 OUNCE • 1 GALLON MAXIMUM

### MATERIAL SAFETY DATA SHEET

#### • Section 1 – PRODUCT IDENTIFICATION

MANUFACTURER'S NAME

DEARBORN CHEMICAL CO., Subsidiary, W. R. Grace &amp; Co.

EMERGENCY PHONE NO.

312/438-8241

ADDRESS

300 Genesee St., Lake Zurich, IL 60047

CHEMICAL NAME AND SYNONYMS

N/126 Potassium Iodide-Iodate

TRADE NAME OR CODE IDENT.

Code 533

#### • Section 2 – INGREDIENTS

CAS No.

%

EXPOSURE CRITERIA

### NON - HAZARDOUS MATERIAL

The product identified in this Data Sheet  
is NOT a hazardous material within the  
meaning of Title 29, Code of Federal  
Regulations 1915, 1916, 1917.

#### • Section 3 – PHYSICAL DATA

BOILING POINT, 760mm Hg	<i>U/K</i>	MELTING POINT	<i>U/K</i>
SPECIFIC GRAVITY (H <sub>2</sub> O = 1) approx.	1.0	VAPOR PRESSURE	<i>U/K</i>
VAPOR DENSITY (AIR = 1)	<i>U/K</i>	SOLUBILITY IN H <sub>2</sub> O, % BY WT.	<i>U/K</i>
% VOLATILES BY VOLUME	<i>U/K</i>	EVAPORATION RATE, _____ = 1	<i>U/K</i>
APPEARANCE AND ODOR	Clear liquid	pH	<i>U/K</i>

#### • Section 4 – FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (and Method Used)	FLAMMABLE LIMITS in AIR, % by VOLUME LOWER UPPER	AUTO IGNITION TEMPERATURE
None		<i>N/A</i>
EXTINGUISHING MEDIA	<input type="checkbox"/> Water Fog <input type="checkbox"/> Foam <input type="checkbox"/> CO <sub>2</sub> <input type="checkbox"/> Dry Chemical <input type="checkbox"/> Other	

SPECIAL FIRE FIGHTING PROCEDURES

UNUSUAL FIRE AND EXPLOSION HAZARD

#### • Section 5 – REACTIVITY DATA

STABILITY (Normal Conditions)

☒ Stable ☐ Unstable

CONDITIONS TO AVOID

INCOMPATIBILITY (Materials to Avoid)

HAZARDOUS DECOMPOSITION PRODUCTS

HAZARDOUS POLYMERIZATION

☐ May Occur ☒ Will Not Occur

CONDITIONS TO AVOID

(over)

● Section 6 - HEALTH HAZARD INFORMATION

EXPOSURE LIMIT

Not established

EFFECTS OF OVEREXPOSURE

INHALATION

Not expected

INGESTION

Drink large amount of water to dilute. If discomfort occurs, contact physician.

SKIN OR EYE CONTACT

Wash from skin or eyes with clear water. If eye irritation occurs, contact physician.

EMERGENCY AND FIRST AID PROCEDURES

*see above*

● Section 7 - SPECIAL PROTECTION INFORMATION

VENTILATION REQUIREMENTS

*Mechanical*

RESPIRATORY PROTECTION (Specify Type)

*None*

EYE PROTECTION

*None*

GLOVES (Specify Type)

*None*

OTHER PROTECTIVE CLOTHING AND EQUIPMENT (Specify Type)

*None*

● Section 8 - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED

Wipe up and flush area of spill with water.

WASTE DISPOSAL METHOD

Because of relatively small amount of reagent, flush to drain with plenty of water.

● Section 9 - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

Protect container from damage. Keep tightly closed.

OTHER PRECAUTIONS

Shipping Name: DOT Chemicals, NOI, Water Testing Reagents, NOT RESTRICTED

IATA

Prepared By W. M. Morris

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